

## Abstract

In one exemplary embodiment, an automated medication preparation system including a plurality of automated syringe preparation stations is provided and includes (1) a first automated gripper for removing a tip cap from a barrel of one syringe and placing the removed tip cap at a first location; (2) an automated device having a positionable cannula that is operatively connected to an aspirating device for drawing a prescribed dosage amount of medication from a supply and delivering the dosage to the syringe by injecting the medication through the cannula and into uncapped barrel in a just-in-time for use manner; (3) a second automated gripper for replacing the removed tip cap on the syringe barrel after the medication is injected therein; and (4) a station for making the syringe tamper evident that includes an instrument for joining the tip cap to the syringe luer connector in a localized area (e.g., tamper evident spot weld and sealed bags) so as to restrict the twisting and removal of the tip cap, thereby providing a tamper evident syringe.